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| 09/823,400 | 03/29/2001 | Jay H. Connelly | 42390P10860 | 8766 |

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| EXAMINER |
|---|
| STRONCZER, RYAN S |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) ☒ Responsive to communication(s) filed on *14 April 2008*.

2a) ☒ This action is **FINAL**.      2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) ☒ Claim(s) *1-12,14 and 16-24* is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-12,14 and 16-24* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *29 March 2001* is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a) ☐ All　b) ☐ Some * c) ☐ None of:

　　　1. ☐ Certified copies of the priority documents have been received.

　　　2. ☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

## DETAILED ACTION

### *Response to Arguments*

Applicant's arguments with respect to claims 1, 12, and 20 have been considered but are moot in view of the new ground(s) of rejection.

### *Claim Rejections - 35 USC § 103*

**Claims 1-12, 14, and 16-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peterson et al. (US Pat. No.: 6,594,682) and further in view of Arsenault et al. (US Pat. No.: 6,922,844 B1).**

As to claims 1, 12, and 20, the previously presented subject matter is rejected by Peterson in view of Arsenault as analyzed in the previous Office Action. As to the amended limitations "...<u>wherein after the first content manager registers with the coordinator the coordinator </u>receives...the first stored content <u>and description data about the first stored content </u>from the first content manager <u>when requested by a user</u> ...<u>wherein after the second content manager registers with the coordinator the coordinator receives</u>...the second stored content <u>and description data about the second stored content </u>from the second content manager <u>when requested by a user</u>," Peterson teaches that the coordinator invokes the appropriate content manager (col. 11/lines 19-24) to control the system hardware to retrieve content based on the digital data type (col. 9/lines 21-30) but fails to teach that the first and second content managers register with the coordinator, as recited. In an analogous art, Arsenault teaches a compiler **304** working as a coordinator in combining a plurality of content from different sources, such

that all data types are registered, classified and known by the compiler (Figs. 2-3; col.

5/lines 9-38). Identifying, classifying, and converting data from different sources into a

standard format (col.5/line66 - col.6/line7), as taught by Arsenault is cumulative with the

registering recited above. Regarding the amended subject matter reciting a user

request, Peterson teaches that the user may schedule at time at which the browser

gathers content from the content sources. Peterson teaches that at the user-specified

time, *"[t]he filtering subsystem **130** may be invoked to filter the index and/or content at*

*different phases…one or more filters might be applied to the index and/or content after*

*caching but prior to presentation to the user (step **216(c))***" (col.11/lines30-38).

It would have been obvious to one of ordinary skill in the art at the time the of the

invention to modify Peterson's system to further include taught by Arsenault with all the

functionality as taught to identify and classify data formats in order to deliver appropriate

data contents to users by using that compiler to gather (a wide variety of different)

contents from different content sources.

As to claims 2 and 21, Peterson and Arsenault together disclose the system and

corresponding method of claims 1 and 20. In addition, Peterson discloses receiving a

request to present the selected stored content (220, fig. 7); and presenting the selected

stored content (222, fig. 7).

As to claims 3 and 22, Peterson and Arsenault together disclose the system and

corresponding method of claims 1 and 20. In addition, Peterson discloses receiving a

request to provide a plurality of details about a selected stored content (218, fig. 7);

presenting the details about the selected stored content (218, fig. 7).

As to claims 4 and 23, Peterson and Arsenault together disclose the system and corresponding method of claims 1 and 20. In addition, Peterson discloses receiving a request to present a selected streaming content (220, fig. 7); presenting the selected streaming content (222, fig. 7).

As to claims 5 and 24, Peterson and Arsenault together disclose the system and corresponding method of claims 1 and 20. In addition, Peterson discloses receiving a request to provide a plurality of details about a selected streaming content (218, fig. 7); presenting the details about the selected stored content (218, fig. 7).

Regarding claims 6 and 8, Peterson and Arsenault together disclose the method and computing device of claims 2 and 4. Furthermore, Arsenault discloses decrypting the stored content and decrypting the streaming content (col. 4/lines 5-17).

Regarding claims 7 and 9, Peterson and Arsenault together disclose the methods of claims 2 and 4. Arsenault further discloses decompressing the stored content and streaming content (see decoders, col. 7, lines 47-65).

Regarding claim 12, see Peterson and Arsenault as applied to claims 1 and 20, above. In addition, Peterson discloses a system comprising the claimed coordinator (operating system 60, fig. 2; col. 7/line 62 - col. 8/line 1). Peterson fails to disclose the first and second content managers register with the coordinator by informing the coordinator of the first and second data types, However, in an analogous art, Arsenault discloses a compiler 304 working as a coordinator in combining a plurality of content from different sources and the compiler identifies the contents on data formats - meaning all data types are registered, classified and known by the compiler (Figs. 2 & 3

& col. 5/lines 9-38); and proper data formats are performed and delivered by the

compiler before delivery to sub-databases to different receivers/users (col. 5/line 65 to

col. 6/line 15). Therefore, it would have been obvious to one of ordinary skill in the art at

the time

the invention was made to modify Peterson's system to further include a compiler as of

Arsenault's with all the functionality as taught to identify and classify data formats in

order to deliver appropriate data contents to users by using that compiler to gather (a

wide variety of different) contents from different content sources.

Regarding claims 10, 11, 18, and 19, Peterson and Arsenault together disclose

the method and computing device of claims 1 and 12. Furthermore, Arsenault discloses

receiving a content manager update and receiving a new content manager (refer to col.

23/lines 42-54 for program guide updates).

As to claim 14, Peterson and Arsenault together disclose the System of claim 12.

In addition, Peterson discloses wherein the coordinator invokes a content manager to

present a selected content (user interface 140, fig. 3; col. 10, lines 60-63).

Regarding to claims 16 and 17, see the rejection of claims 6-9, above. In

addition, Peterson discloses the coordinator and each content manager comprise a

presentation component (video adapter 76, fig. 2; col. 8/lines 14-18).


## Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a).  Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action.  In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action.  In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ryan Stronczer whose telephone number is (571) 270-

3756.  The examiner can normally be reached on 7:30 AM - 5:00 PM (EDT), Monday-

Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Brian T. Pendleton can be reached on (571) 272-7527.  The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


/Ryan Stronczer/
Examiner, Art Unit 2623
        /Brian T. Pendleton/
        Supervisory Patent Examiner, Art Unit 2623